



Section C

Advanced Reactors Transition

PROJECT MANAGERS

O.A. Farabee, RL
(509) 376-8089

D.B. Klos, FH
(509) 373-3574

INTRODUCTION

The Advanced Reactor Transition (ART) Program, PBS RL-RC03, Work Breakdown Structure (WBS) 3.1.3, consists of the Nuclear Energy (NE) Legacies and the 309 Building/Plutonium Recycle Test Reactor (PRTR) activities.

NOTE: Unless otherwise noted, all information contained herein is as of the end of June 2002.

NOTABLE ACCOMPLISHMENTS

NE Legacies Deactivation:

The Asbestos Abatement of the Cold Trap was completed and the negative air enclosure was removed. The Cold Trap Assembly was raised up, set on wheels and relocated to the center of room 108 to prepare it for disassembly. The Economizer and Crystallizer were separated, and four socket weld pipe caps were welded shut and each piece was placed on its shipping pallet. The Support Structure was removed from room 108 and stored outside. The structure will be excessed as scrap metal. The floor plugs for room 108 were replaced. Work continues on preparing the Economizer and Crystallizer for shipment offsite.

BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

No breakthroughs or opportunities for improvement are identified at this time.

UPCOMING ACTIVITIES

Shutdown the 309 Building — To minimize Surveillance and Maintenance (S&M) costs while aligning with the 300 Area Accelerated Closure Plan, 1) the office wing roofs will be repaired this fiscal year, and 2) the building will be secured to minimize intrusion, pending resumption of deactivation activities in 2009.

NE Legacies Deactivation — Place a contract for cleaning sodium residue from 3718M and Composite Reactor Component Test Activity (CRCTA) tanks.

MILESTONE ACHIEVEMENT

FH Contract Milestones

There are no ART Milestones.

PERFORMANCE OBJECTIVES

Nothing to report at this time.

FY 2002 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES FY TO DATE STATUS – (\$000)

		FYTD								
By PBS		BCWS	BCWP	ACWP	SV	%	CV	%	BAC	
PBS RL-RC03	Advanced Reactors Transition									
WBS 3.1.3.1	NE Legacy Facilities Transition	\$ 993	\$ 997	\$ 726	\$ 4	0%	\$ 270	27%	\$ 1,467	
WBS 3.1.3.2	PRTR/309 Building Transition	\$ 162	\$ 207	\$ 137	45	28%	70	34%	\$ 221	
WBS 3.1.3.3	ART Project Management	\$ 155	\$ 155	\$ 104	\$ -	0%	\$ 51	33%	\$ 188	
Total		\$ 1,309	\$ 1,359	\$ 967	\$ 49	4%	\$ 391	29%	\$ 1,876	

FY TO DATE SCHEDULE / COST PERFORMANCE

The \$0.05 million (4 percent) favorable schedule variance was due to greater than planned progress this fiscal year on the 309 Building transition to shutdown activities.

The \$0.39 million (29 percent) favorable cost variance is primarily due to better than planned progress in the NE Legacies sodium loop deactivation work and 309 Building transition activities.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, FYTD Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

Schedule Variance Analysis: (\$0.05M)

Advanced Reactor Transition — 3.1.3/RC03

Description/Cause: The favorable schedule variance is primarily due to better than planned progress this fiscal year on the 309 Building transition to shutdown activities.

Impact: There is no significant project impact at this time.

Corrective Action: None required.

Cost Variance Analysis: (\$0.39M)

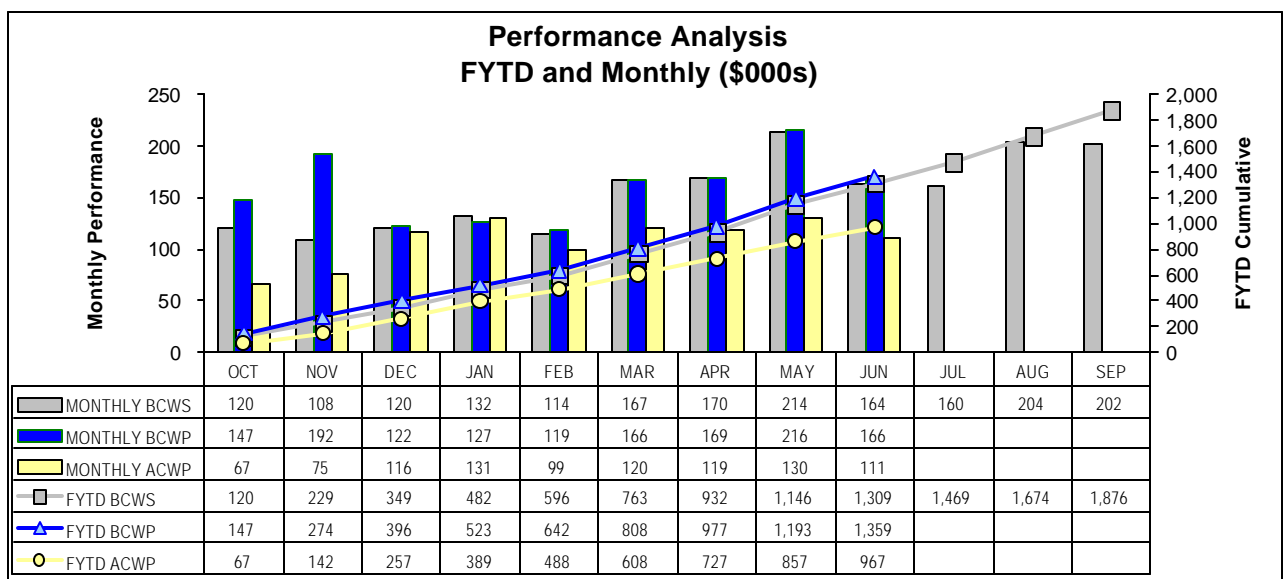
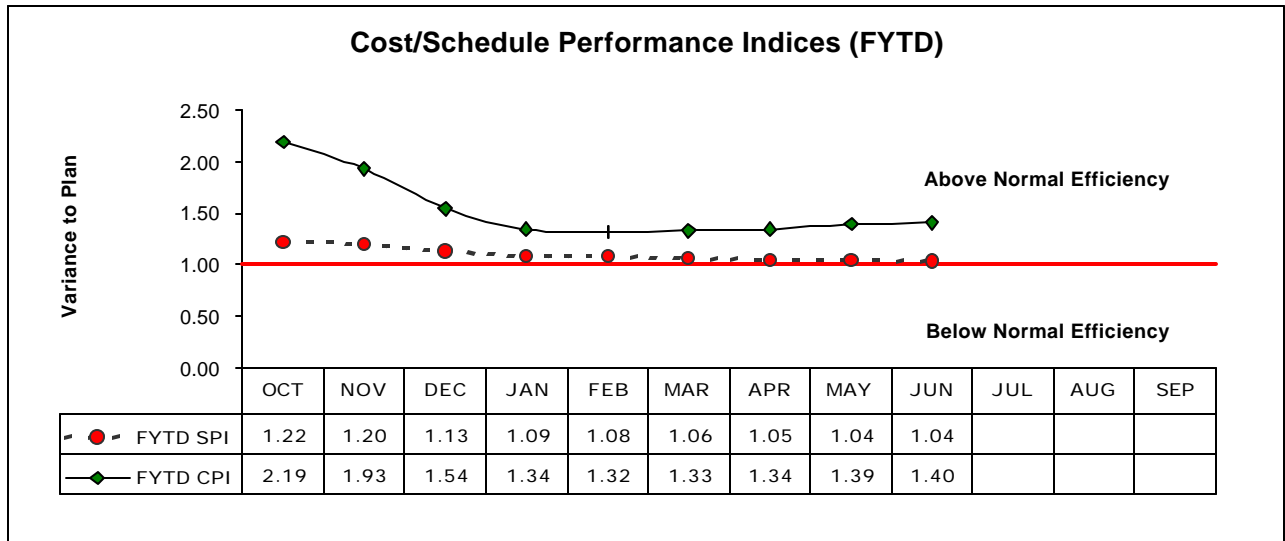
Advanced Reactor Transition — 3.1.3/RC03

Description/Cause: The favorable cost variance is primarily due to performing the NE Legacies sodium loop deactivation work and 309 Building surveillance activities for less than planned.

Impact: There is no significant project impact at this time.

Corrective Action: None required.

COST / SCHEDULE PERFORMANCE (MONTHLY AND FYTD)



FUNDS MANAGEMENT

FYTD FUNDS VS SPENDING FORECAST (\$000)

		FH Funds Reallocation	FYSF	Variance
3.1.3	Advanced Reactor Transition			
	RC03 - EM (Other Funding)	\$ 2,285	\$ 1,602	\$ 683
	Total	\$ 2,285	\$ 1,602	\$ 683

NOTES: FH reallocation reflects an FYSF adjusted for scope deletions, deferrals, and identified savings to address funding shortfalls, additional unplanned scope, and cost increases.

ISSUES

Technical, Regulatory, External, and DOE Issues and DOE Requests

Issue: Nothing to report at this time.

Impacts: None.

Corrective Action: None at this time.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

None to report.